

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

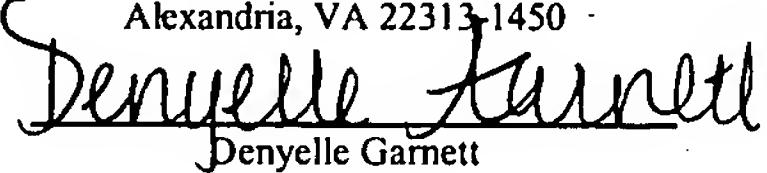
Application No.: 10/593,548

Confirmation No.: 1492

Filed: September 19, 2006

First Named Inventor:

Michael B. Simpson

Title: CHEMICAL MIXING  
APPARATUS, SYSTEM  
AND METHOD§ Examiner: Unknown  
§ Art Unit: Unknown  
§ Atty. Dkt. No: 5980-00202CERTIFICATE OF EXPRESS MAIL  
UNDER 37 C.F.R. §1.10"Express Mail" mailing label number EV959319567US  
DATE OF DEPOSIT: 7/23/07I hereby certify that this correspondence is being deposited with  
the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 C.F.R. §1.10 on the date indicated  
above and is addressed to:Commissioner for Patents  
Alexandria, VA 22313-1450  
Denyelle GarnettRESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)MAILED MAY 21, 2007**MAIL STOP PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Applicant encloses the following in response to the Notification of Missing Requirements of Nonprovisional Application:

- (1) Copy of Notification of Missing Requirements (2 pages);
- (2) Copy of Declaration of inventors Michael B. Simpson and Gary R. Anderson (1 page);
- (3) Copy of Declaration of inventor George V. Woodley (1 page);

Michael B. Simpson  
10/593,548

(4) Fee Authorization in the amount of \$215.00 to cover the fees for a small entity as follows (2 pages):

\$ 50.00 -- search fee;  
\$ 100.00 -- examination fee;  
\$ 65.00 -- surcharge for late filing of declaration and fee; and

(5) A return postcard.

If any extension of time is required, Applicant hereby respectfully requests the appropriate extension of time. If any fees are inadvertently omitted or if any additional fees are required or have been overpaid, please appropriately charge or credit those fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account Number 50-1505/5980-00202/EBM.

Respectfully submitted,



Mark R. DeLuca  
Reg. No. 44,649

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.  
P.O. BOX 398  
AUSTIN, TX 78767-0398  
(512) 853-8800 (voice) (512) 853-8801 (facsimile)  
Date: 7/23/07

07/24/2007 GFREY1 00000127 501505 10593548

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02 FC:2641 50.00 DA  
03 FC:2617 65.00 DA

PATENT

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above and is addressed to:

Commissioner for Patents  
Alexandria, VA 22313-1450

*Denyelle Garnett*  
Denyelle Garnett

**FEE AUTHORIZATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

The Commissioner is hereby authorized to charge the following fees to Meyertons, Hood, Kivlin,  
Kowert & Goetzel, P.C. Deposit Account Number 50-1505/5980-00202/EBM.

\$ 50.00 -- search fee;  
\$ 100.00 -- examination fee; and  
\$ 65.00 -- surcharge for late filing of declaration and fee

Total Amount: \$215.00

Attorney Docket No.: 5980-00202

Michael B. Simpson  
10/593,548

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number.

Respectfully submitted,



Mark R. DeLuca  
Reg. No. 44,649

Patent Agent for Applicant

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.  
P.O. BOX 398  
AUSTIN, TX 78767-0398  
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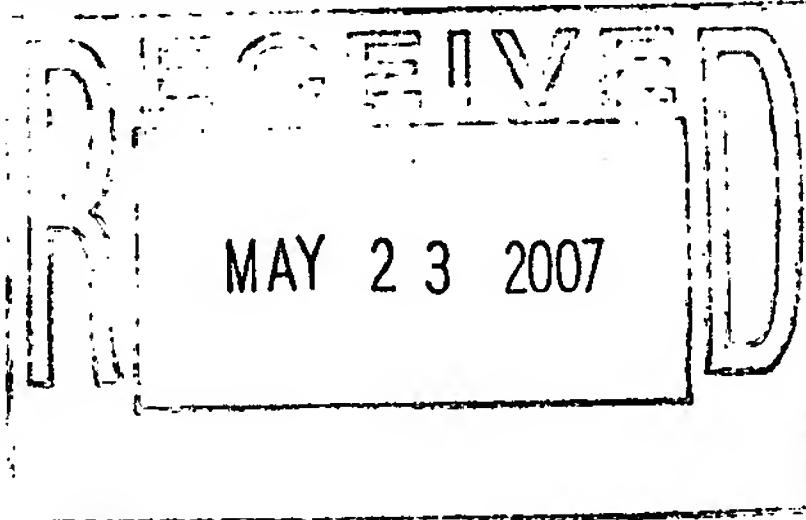
Date: 7/23/07



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/593,548	Michael B. Simpson	5980-00202
INTERNATIONAL APPLICATION NO.		
PCT/US04/41053		
I.A. FILING DATE	PRIORITY DATE	
12/09/2004	07/08/2004	
<b>CONFIRMATION NO. 1492</b> <b>371 FORMALITIES LETTER</b>  *OC000000023952687*		
Date Mailed: 05/21/2007		



## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/19/2006
- Copy of the International Search Report filed on 09/19/2006
- Preliminary Amendments filed on 09/19/2006
- U.S. Basic National Fees filed on 09/19/2006
- Priority Documents filed on 09/19/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$215 for a Small Entity: Atty Dkt#: \_\_\_\_\_ Atty: \_\_\_\_\_

Action: 30 Day  1 Mo.  2 Mo.  3 Mo.  FOA   
 Advsy Action  FR  MParts  IDS  Ntc of Abn   
 Assgnmt  Interv Smmry  Corr Cert  Appeal Brf   
 Transf In  Transf Out  NOA  Drwgs  Iss Fee   
 Due Date: 7.21.07 Other: \_\_\_\_\_  
 Docketed: 5.23.07 By: Johnie

• \$65 Surcharge.

- The application search fee has not been paid. Applicant must submit \$50 to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- The application examination fee has not been paid. Applicant must submit \$100 to complete the examination fee for a small entity in compliance with 37 CFR 1.27. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/593,548	PCT/US04/41053	5980-00202

FORM PCT/DO/EO/905 (371 Formalities Notice)

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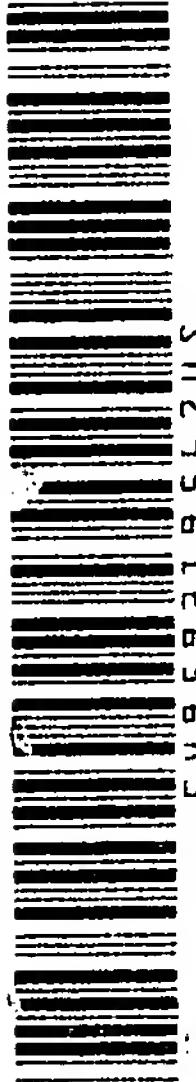
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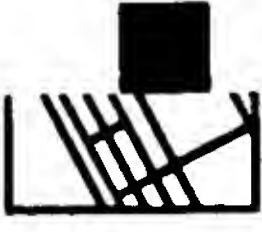
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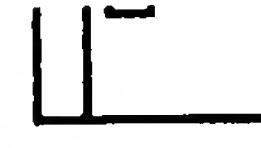
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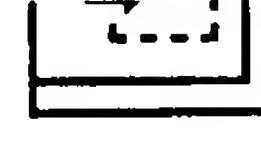
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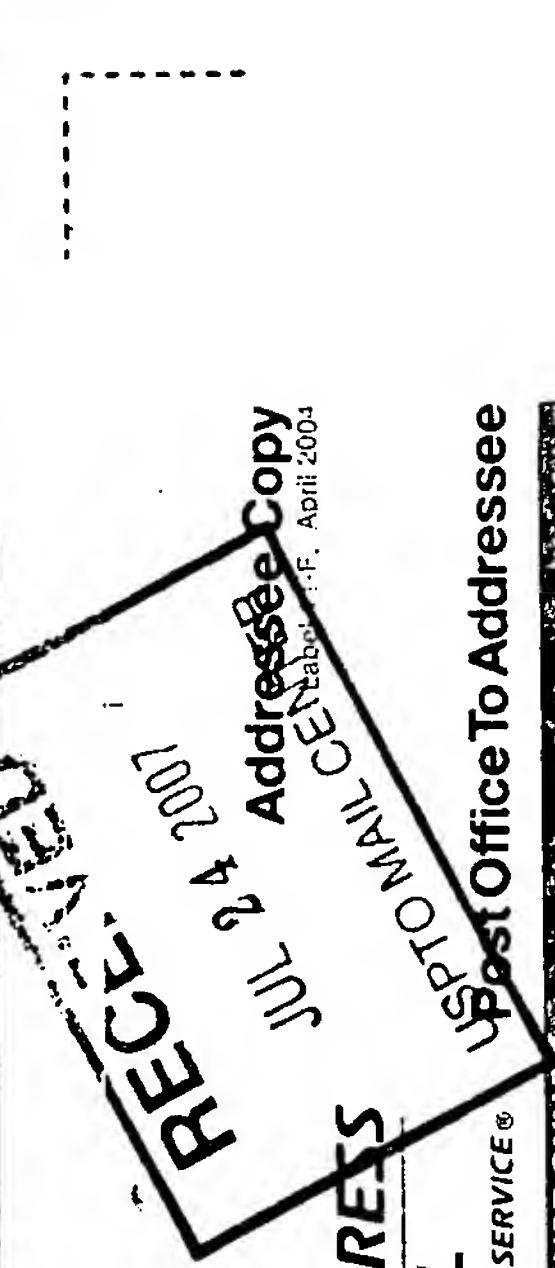
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